# Monochromatic Volumetric Shapes Painting

**Grade Level:** 9-10  
**Duration:** 4 Class Periods

## Objectives
During this activity, students will:
- Experiment with monochromatic painting  
- Create an original monochromatic painting  
- Learn and understand the definitions of monochromatic, tint, and shade  
- Analyze their paintings objectively  
- Determine the connection between color and emotion  
- Learn how to use ReddyNote

## Materials
- White art paper (either 9x 12 or 12 x 18)  
- Undiluted tempera paint, multiple colors  
- Paint brushes, multiple brush sizes  
- Paint palettes (can use plastic plates)  
- Containers of water (to rinse brushes)  
- Rulers, compasses, protractors, pencils  
- Computer with internet access  
- ReddyNote account for each student

## Procedures
1. Explain to the students what monochromatic painting is.  
   a. Definition: artwork created using one color  
   b. Tint: adding white to a color to create different hues  
   c. Shade: adding black to a color to create different hues  
2. Show examples of monochromatic paintings.  
3. Explain what 10 point value scales are.  
   a. Slowly adding white or black to the color so that you gradually work your way from the pure color to 100% black and 100% white  
   b. Tint: 100% is the pure color and 0 is 100% white  
   c. Shade: 100% is the pure color and 0 is 100% black  
4. Demonstrate a 10 point value scale  
5. Explain the project  
   a. Have the students make a tint 10 point value scale  
   b. Have the student make a shades 10 point value scale  
   c. Have the students create a monochromatic painting of 3 volumetric shapes using the tints and shades to create the right lighting and shadows  
6. Get all the students access to computers with the Internet  
7. Have them log on to the computers  
8. Have them pull up either Internet Explorer or Firefox  
9. Have them go to [www.reddynote.com](http://www.reddynote.com) and create a free account

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1 Adapted from [http://www.eduref.org/cgi-bin/printlessons.cgi/Virtual/Lessons/Arts/Visual_Arts/ARA0009.html](http://www.eduref.org/cgi-bin/printlessons.cgi/Virtual/Lessons/Arts/Visual_Arts/ARA0009.html)
10. Under ‘Inbox’ on the ‘Personal Workspace’ have the students create a task for each of the requirements for the project
   a. Tint Value Scale
   b. Shade Value Scale
   c. 1st Volumetric Shape
   d. 2nd Volumetric Shape
   e. 3rd Volumetric Shape

11. In all of the tasks the ‘Notes section’ needs to have notes on what that task is and/or what they are doing for that task
   a. What color they are using (Tint and Shade Scale)
   b. What shape will be used (1st, 2nd, 3rd Volumetric Shape)

12. The ‘Due Date’ box should be checked and have the project’s due date put in

13. Let the students know to get the full points of completing all the tasks on ReddyNote they need to send the teacher a screen shot or bring a printed out picture of all the tasks crossed off

14. Give the students a piece of art paper

15. Have the students sketch with pencil what they want their volumetric shapes to be and their layout on the page with the two value scales located at either across the top of the page or across the bottom of the page
   a. For whichever works best with their page layout

16. Have the students pick any color of the tempera paint that is available

17. Have them do the two value scales first on practice paper

18. Review their value scales before they continue on

19. Have them do their final value scales on their art paper with their page layout

20. Then they can start painting their volumetric shapes and shadows

**Assessment**

<table>
<thead>
<tr>
<th>Project is out of 60 points</th>
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</thead>
<tbody>
<tr>
<td>___ 10 Pts. Tint value scale</td>
</tr>
<tr>
<td>___ 10 Pts. Shade value scale</td>
</tr>
<tr>
<td>___ 10 Pts. 1st Volumetric Shape with proper lights and shadows</td>
</tr>
<tr>
<td>___ 10 Pts. 2nd Volumetric Shape with proper lights and shadows</td>
</tr>
<tr>
<td>___ 10 Pts. 3rd Volumetric Shape with proper lights and shadows</td>
</tr>
<tr>
<td>___ 10 Pts. Completed all the tasks on ReddyNote</td>
</tr>
</tbody>
</table>

10 Pts. is the highest points available for each part, to do bad quality or not have them done correctly or not done at all will cause a deduction of points in that area.

**Resources:**

Additional Examples: [http://www.art-rageous.net/Monochromatic.html](http://www.art-rageous.net/Monochromatic.html)
<table>
<thead>
<tr>
<th>Teaching Standards</th>
<th>CREATING ART: Studio Production: Understand and apply elements and principles of design in personal works of art, utilizing a variety of media, tools, and processes</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>H.7</td>
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<tr>
<td></td>
<td>Students create works that demonstrate effective use and relationships of elements and principles, media, and function. They define and solve visual problems and communicate ideas in works that demonstrate refined skill and understanding of media and processes.</td>
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